

COMBINED DECLARATION AND POWER OF ATTORNEY

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BAKER BOTTS L.L.

FILE NO.: A

SEP 1 0 2003

OFFICE OF PETITIONS

(Original, Design, National Stage of PCT, Divisional, Continuation or C-I-P Application)

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

PETROLEUM RESERVOIR SIMULATION AND CHARACTERIZATION SYSTEM AND METHOD

This declaration is	s of the	following type:
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This declaration is of the following type.
 [x] original [] design [] national stage of PCT. [] divisional [] continuation [] continuation-in-part (C-I-P)
the specification of which: (complete (a), (b), or (c))
(a) [] is attached hereto. (b) [x] was filed on October 13, 2000 as Application Serial No. 09/687,813 and was amended on (in applicable). (c) [] was described and claimed in PCT International Application No. filed on and was amended or (if applicable).

Acknowledgement of Review of Papers and Duty of Candor

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of the subject matter claimed in this application in accordance with Title 37, Code of Federal Regulations § 1.56.

[] In compliance with this duty there is attached an information disclosure statement. 37 CFR 1.98.

Priority Claim

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate or of any PCT International Application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT International Application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application on which priority is claimed

(complete (d) or (e))

- (d) [] no such applications have been filed.
- (e) [x] such applications have been filed as follows:

PRIOR FOREIGN/F	PCT APPLICATION(S) FILED WITHIN 12 MON	ITHS (6 MONTHS FOR DESIGN) PRIOR TO S	SAID APPLICATION			
COUNTRY	APPLICATION NO.	DATE OF FILING (day, month, year)	DATE OF ISSUE	PRIORITY CLAIMED UNDER 35 USC 119		
			PECFINED	[] YES NO []		
•			SEP 1 0 2003	[]YES NO []		
			OFFICE OF PETITIONS	[]YES NO []		
ALL FOREIGN APPLICATION[S], IF ANY, FILED MORE THAN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO SAID APPLICATION						
				[] YES NO []		
				[]YES NO []		
				[] YES NO []		

Claim for Benefit of Prior U.S. Provisional Application(s)

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

Filing Date
October 13, 1999

Claim for Benefit of Earlier U.S./PCT Application(s) under 35 U.S.C. 120

(complete this part only if this is a divisional, continuation or C-I-P application)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior application(s) in the manner provided by the first paragraph of Title 35, United States Code § 112, I acknowledge the duty to disclose information as defined in Title 37, Code of Federal Regulations, § 1.56 which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)

Power of Attorney

As a named inventor, I hereby appoint Robert Neuner, Reg. No. 24,316; Richard G. Berkley, Reg. No. 25,465; Bradley B. Geist, Reg. No. 27,551; James J. Maune, Reg. No. 26,946; Henry Tang, Reg. No. 29,705; Robert C. Scheinfeld, Reg. No. 31,300; John A. Fogarty, Jr., Reg. No. 22,348; Rochelle K. Seide, Reg. No. 32,300; Gary M., Butter, Reg. No. 33,841; Lisa B. Kole, Reg. No. 35,225; Paul A. Ragusa, Reg. No. 38,587; Neil P. Sirota, Reg. No. 38,306; Francis J. Hone, Reg. No. 18,662; Walter M. Egbert, Reg. No. 37,317; Paul D. Ackerman, Reg. No. 39,891; Gary Abelev, Reg. No. 40,479; Carmella L. Stephens, Reg. No. 41,328; Jeffrey D. Sullivan, Reg. No. 43,170; Eliot D. Williams, Reg. No. 50,822; Kimberly J. McGraw, Reg. No. 50,994; Michael J. McNamara, Reg. No. 52,017 and Peter J. Shen, Reg. No. 52,217 of the firm of BAKER BOTTS L.L.P., with offices at 30 Rockefeller Plaza, New York, New York 10112, as attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith

RECT TELEPHONE CALLS TO:
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2) 408-2500
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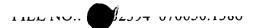
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

			RI	ECEIVED
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	Anderson	Roger		P 1 0 2003
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JOINT INVENTOR, IF ANY	Boulanger	Albert		
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III TAIL	Не	Wei		
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7/2 /22	I SIGNATURE OF INVENTOR	Λ		
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FULL NAME OF FOURTH	LAST NAME	FIRST NAME	MIDDLE NAME	(
	LAST NAME	FIRST NAME	MIDDLE NAME	
FULL NAME OF FOURTH JOINT INVENTOR, IF ANY RESIDENCE & CITIZENSHIP	weigh	FIRST NAME Jody		SHIP
JOINT INVENTOR, IF ANY	LAST NAME Winston CITY	FIRST NAME JODY STATE or FOREIGN COUNTRY	COUNTRY OF CITIZENS	SHIP
JOINT INVENTOR, IF ANY RESIDENCE & CITIZENSHIP	LAST NAME Winston CITY Palisades	FIRST NAME JODY STATE OF FOREIGN COUNTRY NY	COUNTRY OF CITIZENS USA	<u>, .</u>
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JOINT INVENTOR, IF ANY RESIDENCE & CITIZENSHIP POST OFFICE	LAST NAME Winston CITY Palisades POST OFFICE ADDRESS 4D Technology 102 Geoscience Lamont-Doherty Earth Observatory, PO Box 1000 61 Route 9W	FIRST NAME JODY STATE or FOREIGN COUNTRY NY CITY	COUNTRY OF CITIZENS USA STATE or COUNTRY	ZIP CODE 10964-
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JOINT INVENTOR, IF ANY RESIDENCE & CITIZENSHIP POST OFFICE ADDRESS DATE FULL NAME OF FIFTH JOINT	LAST NAME Winston CITY Palisades POST OFFICE ADDRESS 4D Technology 102 Geoscience Lamont-Doherty Earth Observatory, PO Box 1000 61 Route 9W SIGNATURE OF INVENTOR	FIRST NAME JODY STATE OF FOREIGN COUNTRY NY CITY Palisades	COUNTRY OF CITIZENS USA STATE or COUNTRY NY	ZIP CODE 10964- 8000

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF SOLE	LAST NAME	FIRST NAME	MIDDLE NAME	SEP 1 0
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RESIDENCE & CITIZENSHIP	CITY	STATE or FOREIGN COUNTRY	COUNTRY OF CITIZEN	SHIP
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OATE	SIGNATURE OF INVENTOR			
ULL NAME OF SECOND	LAST NAME	FIRST NAME	MIDDLE NAME	
OINT INVENTOR, IF ANY	Boulanger	Albert		
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DATE	SIGNATURE OF INVENTOR			
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NVENTOR, IF ANY	Не	Wei		
ESIDENCE & CITIZENSHIP	CITY .	STATE or FOREIGN COUNTRY	COUNTRY OF CITIZEN	SHIP
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OINT INVENTOR, IF ANY	Winston	Jody		
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DATE	SIGNATORE OF INVENTOR			
4-701-03	Wearsh Wml			
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NVENTOR, IF ANY	Xu	Liquing		
RESIDENCE & CITIZENSHIP	CITY	STATE or FOREIGN COUNTRY	COUNTRY OF CITIZEN	SHIP
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INVENTOR, IF ANY	Mello	Ulisses		
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JOINT INVENTOR, IF ANY	Wiggins	Wendell		
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ADDRESS'	Western Geophysical P.O. Box 2469	Houston	TX	77252
	11.0.2012.0			

<u>Ct</u>	neck proper box(es) for any added page(s) forming a part of this declaration
[]	Signature for ninth and subsequent joint inventors. Number of pages added
[]	Signature by administrator(trix), executor(trix) or legal representative for deceased or incapacitated inventor.
	Number of pages added
[]	Signature for inventor who refuses to sign, or cannot be reached, by person authorized under 37 CFR 1.47.
	Number of pages added

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ADDRESS	4D Technology 102 Geoscience	Palisades	NY	10964-	
	Lamont-Doherty Earth Observatory,	alisades		8000	
	PO Box 1000 61 Route 9W			18000	
DATE	SIGNATURE OF INVENTOR				
FULL NAME OF SIXTH JOINT	LAST NAME	FIRST NAME	MIDDLE NAME		
INVENTOR, IF ANY	Mello	Ulisses			
RESIDENCE & CITIZENSHIP	CITY	STATE or FOREIGN COUNTRY	COUNTRY OF CITIZEN	SHIP	
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ADDRESS	Thomas J. Watson Research Center, IBM Route 136	Yorktown Heights	NY	10598	
DATE 8/27/2003	SIGNATURE OF INVENTOR				
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JOINT INVENTOR, IF ANY	Wiggins	Wendell			
RESIDENCE & CITIZENSHIP	CITY	STATE or FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP		
	Houston	TX	USA		
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ADDRESS'	Western Geophysical P.O. Box 2469	Houston	TX	77252	
DATE	SIGNATURE OF INVENTOR		•		
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	r any added page(s) forming a part of this			SEP 1 0 2003	
[] Signature by adminis Number of pages add		entative for deceased or incapa		OFFICE OF PETITIONS	
[] Signature for inventor Number of pages add	or who refuses to sign, or cannot be reached	ed, by person authorized under	37 CFR 1.47.		

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. 1	Lamont-Doherty Earth Observatory,			8000
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DATE	SIGNATURE OF INVENTOR			
FULL NAME OF SIXTH JOINT	LAST NAME	FIRST NAME	MIDDLE NAME	
INVENTOR, IF ANY	Mello	Ulisses		
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	IBM Route 136			
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		FIRST NAME	MIDDLE NAME	
FULL NAME OF SEVENTH JOINT INVENTOR, IF ANY	LAST NAME		MIDDLE NAME	
	Wiggins	Wendell	GOLD WINE OF GIVEN	ICITIB
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ADDRESS	Western Geophysical	Houston	TX	77252
	P.O. Box 2469			
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	and subsequent joint inventors. Number of			25 L T A 50

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[] Signature for ninth and subsequent joint inventors. Number of pages added

[] Signature by administrator(trix), executor(trix) or legal representative for deceased or incapacitated inventor.

Number of pages added

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